BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

Detailed Estimate

NAME OF WORK : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Estimation Cost Rs.1150.00 Lakhs **(PACKAGE No-09)**

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (Page No.143 & Item No-19.2)								
	Basic Rate	179.00							
	AW 6%	10.74							
	Total	189.74							
	For RCC Drain								
	Adithyanagar 1st Main								
	(W0816)	1	130.00	1.00	1.00	130.00			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00	1.00	1.00	170.00			
	(W1363)	2	73.00	1.00	1.00	146.00			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00	1.00	1.00	25.00			
	Behind Sambram College Back side								
	(W0566)	2	60.00	1.00	1.00	120.00			
	(W0576)	2	60.00	1.00	1.00	120.00			
	Cross Road	1	60.00	1.00	1.00	60.00			
	Doddabettahalli								
	Cross Road	1	25.00	1.00	1.00	25.00			
	(W1239)	1	59.00	1.00	1.00	59.00			
	(W1259)	1	70.00	0.80	0.75	42.00			
		1	30.00	0.80	0.75	18.00			
	(W1259)	1	81.00	0.80	0.75	48.60			
		1	40.00	0.80	0.75	24.00			
	(W1251)	1	158.00	0.80	0.75	94.80			
	(W1235)	1	84.00	1.00	1.00	84.00			
	Jyothinagar								
	(W0777)	2	95.00	1.00	1.00	190.00			
	(W0773)	2	95.00	1.00	1.00	190.00			
	(W0771)	2	110.00	1.00	1.00	220.00			
	(W0795)	2	55.00	1.00	1.00	110.00			
	Ambabhavani Layout								
	7th Cross	2	30.00	1.00	1.00	60.00			
	8th Cross	2	27.00	1.00	1.00	54.00			
	9th Cross	2	15.00	1.00	1.00	30.00			
	10th Cross	2	13.00	1.00	1.00	26.00			
	11th Cross	2	45.00	1.00	1.00	90.00			
	12th Cross (W0849)	1	98.00	1.00	1.00	98.00			
		1	52.00	1.00	1.00	52.00			
	(W0450)	2	30.00	1.00	1.00	60.00			
	Doddabettahalli Near RO Unit (W0498)	1	90.00	1.00	1.00	90.00			
		1	102.00	1.00	1.00	102.00			
	(W0911)	1	250.00	1.00	1.00	250.00			
	3rd Main Road AMS Layout (W0870)	2	228.00	1.00	1.00	456.00			
	3rd Cross Road AMS Layout (W0858)	2	178.00	1.00	1.00	356.00			
	5th Main Road Somanna Layout (W0754)	1	140.00	1.00	1.00	140.00			
	Hill Medows Layout (W0732)	2	178.00	1.00	1.00	356.00			
	(W1325)	2	36.00	1.00	1.00	72.00			
	(W1117)	2	83.00	1.00	1.00	166.00			
	(W1327)	2	46.00	1.00	1.00	92.00			
	(W0736)	2	140.00	1.00	1.00	280.00			
	DUO Marvel Layout								

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	DUO Marvel Layout								
	(W0078)	1	252.00	1.00	1.00	252.00			
	3rd 'A' Cross (W0169)	2	25.00	1.00	1.00	50.00			
	4th 'A' Cross	2	25.00	1.00	1.00	50.00			
	SMR Street (W0115)	1	322.00	1.00	1.00	322.00			
	Lattice NetWork Road	2	25.00	1.00	1.00	50.00			
		1	85.00	1.00	1.00	85.00			
		1	206.00	1.00	1.00	206.00			
	For RCC Culverts								
	AMS Layout 3rd Main N/s	3	10.00	1.60	1.20	57.60			
	AMS Layout 3rd Main S/s	1	10.00	1.60	1.20	19.20			
	AMS Layout 4th Cross	1	10.00	1.60	1.20	19.20			
	Ambabhavani Layout 12th Cross	1	8.00	1.60	1.20	15.36			
	DUO Marvel Layout	9	7.00	1.60	1.20	120.96			
	SMR Street	2	8.00	1.60	1.20	30.72			
	Hill Medows Layout	4	6.00	1.60	1.20	46.08			
	Lattice NetWork Road	2	8.00	1.60	1.20	30.72			
	Cross Roads	8	6.00	1.60	1.20	92.16			
					Total	6153.40	189.74	Cum	1167546.00
2	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (P.No.140 I.No.18.47)								
	Basic Rate	899.00							
	AW 6%	53.94							
	Total	952.94							
	For Cement Concrete Road								
	Adithyanagar 2nd Main (W0814)	1	150.00	4.50	0.20	135.00			
	Adithyanagar 1st Stage								
	(W1141)	1	86.00	4.00	0.20	68.80			
	(W0644)	1	58.00	4.00	0.20	46.40			
	16th main (W1147)	1	94.00	4.00	0.20	75.20			
	Cross Road (W1365)	1	97.00	3.00	0.20	58.20			
	(W1171)	1	58.00	3.00	0.20	34.80			
	(W1231)	1	36.00	3.00	0.20	21.60			
	(W1221)	1	44.00	3.00	0.20	26.40			
		1	20.00	3.00	0.20	12.00			
	(W1145)	1	40.00	3.00	0.20	24.00			
	(W1149)	1	40.00	3.00	0.20	24.00			
	(W1153)	1	20.00	3.00	0.20	12.00			
	Doddabettahalli								
	(W1251)	1	158.00	3.00	0.20	94.80			
	(W1259)	1	81.00	5.00	0.20	81.00			
		1	70.00	4.00	0.20	56.00			
	(W0660)	1	40.00	3.00	0.20	24.00			
	(W1239)	1	10.00	2.50	0.20	5.00			
		1	26.00	4.00	0.20	20.80			
		1	33.00	1.30	0.20	8.58			
		1	20.00	2.50	0.20	10.00			
	(W1235)	1	109.00	4.00	0.20	87.20			
	Doddabettahalli Near RO Unit								
	(W0498)	1	28.00	6.00	0.20	33.60			
	(W0498)	1	90.00	6.00	0.20	108.00			
	(W0913)	1	27.00	2.20	0.20	11.88			
		1	85.00	3.00	0.20	51.00			
	(W0911)	1	80.00	4.00	0.20	64.00			
	(W0919)	1	48.00	4.20	0.20	40.32			
	(W0907)	1	27.00	6.00	0.20	32.40			
						1266.98			
	Deduct 40% of Void Portion (Road Cuttings, Pot Holes and Dilapidated Portion)					506.79			
					Total	760.19	952.94	Cum	724414.00
3	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical meanse including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301 (Page No.143 & Item No 19.14 SR2018-19)								
	Basic Rate	41.00							
	AW 6%	2.46							
	Total	43.46							
	For Cement Concrete Road								

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth in Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Adithyanagar 2nd Main (W0814)	1	150.00	4.50	0.25	168.75			
		1	85.00	5.00	0.25	106.25			
	(W1363)	1	73.00	5.00	0.25	91.25			
	Adithyanagar 1st Stage								
	(W1141)	1	86.00	4.00	0.25	86.00			
	(W0644)	1	58.00	4.00	0.25	58.00			
	16th main (W1147)	1	94.00	4.00	0.25	94.00			
	Cross Road (W1365)	1	97.00	3.00	0.25	72.75			
	(W1171)	1	58.00	3.00	0.25	43.50			
	(W1231)	1	36.00	3.00	0.25	27.00			
	(W1221)	1	44.00	3.00	0.25	33.00			
		1	20.00	3.00	0.25	15.00			
	(W1145)	1	40.00	3.00	0.25	30.00			
	(W1149)	1	40.00	3.00	0.25	30.00			
	(W1153)	1	20.00	3.00	0.25	15.00			
	Doddabettahalli								
	(W1251)	1	158.00	3.00	0.25	118.50			
	(W1259)	1	81.00	5.00	0.25	101.25			
		1	70.00	4.00	0.25	70.00			
	(W0660)	1	40.00	3.00	0.25	30.00			
	(W1239)	1	10.00	2.50	0.25	6.25			
		1	26.00	4.00	0.25	26.00			
		1	33.00	1.30	0.25	10.73			
		1	20.00	2.50	0.25	12.50			
	(W1235)	1	109.00	4.00	0.25	109.00			
	Doddabettahalli Near RO Unit								
	(W0498)	1	28.00	6.00	0.25	42.00			
	(W0498)	1	90.00	6.00	0.25	135.00			
	(W0913)	1	27.00	2.20	0.25	14.85			
		1	85.00	3.00	0.25	63.75			
	(W0911)	1	80.00	4.00	0.25	80.00			
	(W0919)	1	48.00	4.20	0.25	50.40			
	(W0907)	1	27.00	6.00	0.25	40.50			
	Ambabhavani Layout (W0551)	1	25.00	1.50	0.25	9.38			
	(W0450)	1	30.00	5.60	0.25	42.00			
	5th Main Somanna Layout (W0754)	1	140.00	4.00	0.25	140.00			
	SMR Street (W0115)	1	170.00	4.00	0.25	170.00			
	(W0117)	1	60.00	4.50	0.25	67.50			
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00	0.40	1132.80			
	2nd Main (W0684)	1	228.00	6.00	0.40	547.20			
	Jyothinagar								
	(W0777)	1	95.00	7.00	0.40	266.00			
	(W0773)	1	95.00	6.50	0.40	247.00			
	(W0771)	1	110.00	6.50	0.40	286.00			
	(W0795)	1	55.00	5.00	0.40	110.00			
	Behind Sambram College								
	(W0566)	1	60.00	6.00	0.40	144.00			
	(W0576)	1	60.00	6.00	0.40	144.00			
	Cross Road	1	60.00	6.00	0.40	144.00			
	Hill Medows Layout (W0736)	1	140.00	9.00	0.40	504.00			
	(W0732)	1	178.00	6.00	0.40	427.20			
	(W1325)	1	36.00	4.00	0.40	57.60			
	(W1117)	1	83.00	6.00	0.40	199.20			
	(W1327)	1	46.00	5.00	0.40	92.00			
	Ambabhavani Layout 7th Cross	1	190.00	5.00	0.40	380.00			
	7th Cross	1	30.00	5.00	0.40	60.00			
	8th Cross	1	27.00	5.00	0.40	54.00			
	9th Cross	1	15.00	5.00	0.40	30.00			
	10th Cross	1	13.00	5.00	0.40	26.00			
	11th Cross	1	45.00	6.00	0.40	108.00			
	12th Cross (W0849)	1	98.00	6.00	0.40	235.20			
	Patel Thayappa Layout	1	80.00	6.00	0.40	192.00			
	SMR Street (W0115)	1	30.00	6.00	0.40	72.00			
	Sridhama Road (W0007)	1	270.00	6.00	0.40	648.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00	0.40	576.00			
		3	55.00	6.00	0.40	396.00			
	Veersagar Main Road (W0563)	1	243.00	8.00	0.40	777.60			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth in Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Veersagar Cross Roads (W0482)	1	155.00	5.00	0.40	310.00			
	(W0927)	1	20.00	4.00	0.40	32.00			
	(W0925)	1	22.00	4.00	0.40	35.20			
	(W0923)	1	20.00	4.00	0.40	32.00			
	(W0478)	1	30.00	4.00	0.40	48.00			
	(W0478)	1	97.00	4.00	0.40	155.20			
	Lattice NetWork Road	1	150.00	12.00	0.40	720.00			
	Kings Meadows Road	1	337.00	5.50	0.40	741.40			
	Cross Road	1	47.00	5.00	0.40	94.00			
						12233.70	43.46	Cum	531677.00
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.Specification No. KBS 4.1, 4.2 (Page No.13 & Item No.4.3)								
	Basic Rate	5102.00							
	AW 6%	306.12							
	Total	5408.12							
	For RCC Drain								
	Adithyanagar 1st Main								
	(W0816)	1	130.00	1.00	0.15	19.50			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00	1.00	0.15	25.50			
	(W1363)	2	73.00	1.00	0.15	21.90			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00	1.00	0.15	3.75			
	Behind Sambram College Back side								
	(W0566)	2	60.00	1.00	0.15	18.00			
	(W0576)	2	60.00	1.00	0.15	18.00			
	Cross Road	1	60.00	1.00	0.15	9.00			
	Doddabettahalli								
	Cross Road	1	25.00	1.00	0.15	3.75			
	(W1239)	1	59.00	1.00	0.15	8.85			
	(W1259)	1	70.00	0.80	0.15	8.40			
		1	30.00	0.80	0.15	3.60			
	(W1259)	1	81.00	0.80	0.15	9.72			
		1	40.00	0.80	0.15	4.80			
	(W1251)	1	158.00	0.80	0.15	18.96			
	(W1235)	1	84.00	1.00	0.15	12.60			
	Jyothinagar								
	(W0777)	2	95.00	1.00	0.15	28.50			
	(W0773)	2	95.00	1.00	0.15	28.50			
	(W0771)	2	110.00	1.00	0.15	33.00			
	(W0795)	2	55.00	1.00	0.15	16.50			
	Ambabhavani Layout								
	7th Cross	2	30.00	1.00	0.15	9.00			
	8th Cross	2	27.00	1.00	0.15	8.10			
	9th Cross	2	15.00	1.00	0.15	4.50			
	10th Cross	2	13.00	1.00	0.15	3.90			
	11th Cross	2	45.00	1.00	0.15	13.50			
	12th Cross (W0849)	1	98.00	1.00	0.15	14.70			
		1	52.00	1.00	0.15	7.80			
	(W0450)	2	30.00	1.00	0.15	9.00			
	Doddabettahalli Near RO Unit (W0498)	1	90.00	1.00	0.15	13.50			
		1	102.00	1.00	0.15	15.30			
	(W0911)	1	250.00	1.00	0.15	37.50			
	3rd Main Road AMS Layout (W0870)	2	228.00	1.00	0.15	68.40			
	3rd Cross Road AMS Layout (W0858)	2	178.00	1.00	0.15	53.40			
	5th Main Road Somanna Layout (W0754)	1	140.00	1.00	0.15	21.00			
	Hill Medows Layout (W0732)	2	178.00	1.00	0.15	53.40			
	(W1325)	2	36.00	1.00	0.15	10.80			
	(W1117)	2	83.00	1.00	0.15	24.90			
	(W1327)	2	46.00	1.00	0.15	13.80			
	(W0736)	2	140.00	1.00	0.15	42.00			
	DUO Marvel Layout								
	(W0078)	1	252.00	1.00	0.15	37.80			

SN	Description of works	No's	Length In Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	3rd 'A' Cross (W0169)	2	25.00	1.00	0.15	7.50			
	4th 'A' Cross	2	25.00	1.00	0.15	7.50			
	SMR Street (W0115)	1	322.00	1.00	0.15	48.30			
	Lattice NetWork Road	2	25.00	1.00	0.15	7.50			
		1	85.00	1.00	0.15	12.75			
		1	206.00	1.00	0.15	30.90			
	For RCC Culverts								
	AMS Layout 3rd Main N/s	3	10.00	1.60	0.15	7.20			
	AMS Layout 3rd Main S/s	1	10.00	1.60	0.15	2.40			
	AMS Layout 4th Cross	1	10.00	1.60	0.15	2.40			
	Ambabhavani Layout 12th Cross	1	8.00	1.60	0.15	1.92			
	DUO Marvel Layout	9	7.00	1.60	0.15	15.12			
	SMR Street	2	8.00	1.60	0.15	3.84			
	Hill Medows Layout	4	6.00	1.60	0.15	5.76			
	Lattice NetWork Road	2	8.00	1.60	0.15	3.84			
	Cross Roads	8	6.00	1.60	0.15	11.52			
					Total	923.58	5408.12	Cum	4994831.00
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications. -do- Wall & bottom thickness 15cm (Page.No.271 & Item No-37.59.2)								
	Basic Rate	6670.00							
	AW 6%	400.20							
	Total	7070.20							
	For RCC Drain Raft								
	Adithyanagar 1st Main								
	(W0816)	1	130.00	0.90	0.15	17.55			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00	0.90	0.15	22.95			
	(W1363)	2	73.00	0.90	0.15	19.71			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00	0.90	0.15	3.38			
	Behind Sambram College Back side								
	(W0566)	2	60.00	0.90	0.15	16.20			
	(W0576)	2	60.00	0.90	0.15	16.20			
	Cross Road	1	60.00	0.90	0.15	8.10			
	Doddabettahalli								
	Cross Road	1	25.00	0.90	0.15	3.38			
	(W1239)	1	59.00	0.90	0.15	7.97			
	(W1259)	1	70.00	0.75	0.15	7.88			
		1	30.00	0.75	0.15	3.38			
	(W1259)	1	81.00	0.75	0.15	9.11			
		1	40.00	0.75	0.15	4.50			
	(W1251)	1	158.00	0.75	0.15	17.78			
	(W1235)	1	84.00	0.90	0.15	11.34			
	Jyothinagar								
	(W0777)	2	95.00	0.90	0.15	25.65			
	(W0773)	2	95.00	0.90	0.15	25.65			
	(W0771)	2	110.00	0.90	0.15	29.70			
	(W0795)	2	55.00	0.90	0.15	14.85			
	Ambabhavani Layout								
	7th Cross	2	30.00	0.90	0.15	8.10			
	8th Cross	2	27.00	0.90	0.15	7.29			
	9th Cross	2	15.00	0.90	0.15	4.05			
	10th Cross	2	13.00	0.90	0.15	3.51			
	11th Cross	2	45.00	0.90	0.15	12.15			
	12th Cross (W0849)	1	98.00	0.90	0.15	13.23			
		1	52.00	0.90	0.15	7.02			
	(W0450)	2	30.00	0.90	0.15	8.10			
	Doddabettahalli Near RO Unit (W0498)	1	90.00	0.90	0.15	12.15			
		1	102.00	0.90	0.15	13.77			
	(W0911)	1	250.00	0.90	0.15	33.75			
	3rd Main Road AMS Layout (W0870)	2	228.00	0.90	0.15	61.56			
	3rd Cross Road AMS Layout (W0858)	2	178.00	0.90	0.15	48.06			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	5th Main Road Somanna Layout (W0754)	1	140.00	0.90	0.15	18.90			
	Hill Medows Layout (W0732)	2	178.00	0.90	0.15	48.06			
	(W1325)	2	36.00	0.90	0.15	9.72			
	(W1117)	2	83.00	0.90	0.15	22.41			
	(W1327)	2	46.00	0.90	0.15	12.42			
	(W0736)	2	140.00	0.90	0.15	37.80			
	DUO Marvel Layout								
	(W0078)	1	252.00	0.90	0.15	34.02			
	3rd 'A' Cross (W0169)	2	25.00	0.90	0.15	6.75			
	4th 'A' Cross	2	25.00	0.90	0.15	6.75			
	SMR Street (W0115)	1	322.00	0.90	0.15	43.47			
	Lattice NetWork Road	2	25.00	0.90	0.15	6.75			
		1	85.00	0.90	0.15	11.48			
		1	206.00	0.90	0.15	27.81			
	For RCC Drain Wall								
	Adithyanagar 1st Main								
	(W0816)	2	130.00	0.15	0.60	23.40			
	Adithyanagar 2nd Main								
	(W0814)	0	0.00	0.15	0.60	0.00			
		4	85.00	0.15	0.60	30.60			
	(W1363)	4	73.00	0.15	0.60	26.28			
	Adithyanagar 1st Stage								
	(W0644)	2	25.00	0.15	0.60	4.50			
	Behind Sambram College Back side								
	(W0566)	4	60.00	0.15	0.60	21.60			
	(W0576)	4	60.00	0.15	0.60	21.60			
	Cross Road	2	60.00	0.15	0.60	10.80			
	Doddabettahalli								
	Cross Road	2	25.00	0.15	0.60	4.50			
	(W1239)	2	59.00	0.15	0.60	10.62			
	(W1259)	2	70.00	0.15	0.45	9.45			
		2	30.00	0.15	0.45	4.05			
	(W1259)	2	81.00	0.15	0.45	10.94			
		2	40.00	0.15	0.45	5.40			
	(W1251)	2	158.00	0.15	0.45	21.33			
	(W1235)	2	84.00	0.15	0.60	15.12			
	Jyothinagar								
	(W0777)	4	95.00	0.15	0.60	34.20			
	(W0773)	4	95.00	0.15	0.60	34.20			
	(W0771)	4	110.00	0.15	0.60	39.60			
	(W0795)	4	55.00	0.15	0.60	19.80			
	Ambabhavani Layout								
	7th Cross	4	30.00	0.15	0.60	10.80			
	8th Cross	4	27.00	0.15	0.60	9.72			
	9th Cross	4	15.00	0.15	0.60	5.40			
	10th Cross	4	13.00	0.15	0.60	4.68			
	11th Cross	4	45.00	0.15	0.60	16.20			
	12th Cross (W0849)	2	98.00	0.15	0.60	17.64			
		2	52.00	0.15	0.60	9.36			
	(W0450)	4	30.00	0.15	0.60	10.80			
	Doddabettahalli Near RO Unit (W0498)	2	90.00	0.15	0.60	16.20			
		2	102.00	0.15	0.60	18.36			
	(W0911)	2	250.00	0.15	0.60	45.00			
	3rd Main Road AMS Layout (W0870)	4	228.00	0.15	0.60	82.08			
	3rd Cross Road AMS Layout (W0858)	4	178.00	0.15	0.60	64.08			
	5th Main Road Somanna Layout (W0754)	2	140.00	0.15	0.60	25.20			
	Hill Medows Layout (W0732)	4	178.00	0.15	0.60	64.08			
	(W1325)	4	36.00	0.15	0.60	12.96			
	(W1117)	4	83.00	0.15	0.60	29.88			
	(W1327)	4	46.00	0.15	0.60	16.56			
	(W0736)	4	140.00	0.15	0.60	50.40			
	DUO Marvel Layout								
	(W0078)	2	252.00	0.15	0.60	45.36			
	3rd 'A' Cross (W0169)	4	25.00	0.15	0.60	9.00			
	4th 'A' Cross	4	25.00	0.15	0.60	9.00			
	SMR Street (W0115)	2	322.00	0.15	0.60	57.96			

SN	Description of works	No's	Length In Mtr	Bridth In Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Lattice NetWork Road	4	25.00	0.15	0.60	9.00			
		2	85.00	0.15	0.60	15.30			
		2	206.00	0.15	0.60	37.08			
					Total	1824.41	7070.20	Cum	12898961.00
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.21 (Page.No.16 & Item No-4.31)								
	Basic Rate	358.00							
	AW 6%	21.48							
	Total	379.48							
	For RCC Culverts Wall								
	AMS Layout 3rd Main N/s	12	10.00		0.60	72.00			
	AMS Layout 3rd Main S/s	4	10.00		0.60	24.00			
	AMS Layout 4th Cross	4	10.00		0.60	24.00			
	Ambabhavani Layout 12th Cross	4	8.00		0.60	19.20			
	DUO Marvel Layout	36	7.00		0.60	151.20			
	SMR Street	8	8.00		0.60	38.40			
	Hill Medows Layout	16	6.00		0.60	57.60			
	Lattice NetWork Road	8	8.00		0.60	38.40			
	Cross Roads	32	6.00		0.60	115.20			
					Total	540.00	379.48	Sqm	204919.00
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page.No.14 & Item No-4.11)								
	Basic Rate	5659.00							
	AW 6%	339.54							
	Total	5998.54							
	For RCC Culverts Raft								
	AMS Layout 3rd Main N/s	3	10.00	1.50	0.25	11.25			
	AMS Layout 3rd Main S/s	1	10.00	1.50	0.25	3.75			
	AMS Layout 4th Cross	1	10.00	1.50	0.25	3.75			
	Ambabhavani Layout 12th Cross	1	8.00	1.50	0.25	3.00			
	DUO Marvel Layout	9	7.00	1.50	0.25	23.63			
	SMR Street	2	8.00	1.50	0.25	6.00			
	Hill Medows Layout	4	6.00	1.50	0.25	9.00			
	Lattice NetWork Road	2	8.00	1.50	0.25	6.00			
	Cross Roads	8	6.00	1.50	0.25	18.00			
	For RCC Culverts Wall								
	AMS Layout 3rd Main N/s	6	10.00	0.30	0.60	10.80			
	AMS Layout 3rd Main S/s	2	10.00	0.30	0.60	3.60			
	AMS Layout 4th Cross	2	10.00	0.30	0.60	3.60			
	Ambabhavani Layout 12th Cross	2	8.00	0.30	0.60	2.88			
	DUO Marvel Layout	18	7.00	0.30	0.60	22.68			
	SMR Street	4	8.00	0.30	0.60	5.76			
	Hill Medows Layout	8	6.00	0.30	0.60	8.64			
	Lattice NetWork Road	4	8.00	0.30	0.60	5.76			
	Cross Roads	16	6.00	0.30	0.60	17.28			
					Total	165.38	5998.54	Cum	992009.00
8	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500(Page No.229 & Item No.28.8.2) Current Rate w.e.f 01/02/2021								
	Basic Rate	75610.00							
	AW 6%	4536.60							
	Total	80146.60							
	for RCC Drains	60% of Qty Vide Item No.05				109.46			
	for RCC Culverts	80% of Qty Vide Item No.07				13.23			
					Total	122.69	80146.60	Tonne	9833567.00
9	Removing and resetting of footpath slab(Page No.270 & Item No.37.56)								
	Basic Rate	197.00							
	AW 6%	11.82							
	Total	208.82							
	2nd Main (W0684)	2	228.00	1.20		547.20			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Veersagar Main Road	2	243.00	0.90		437.40			
	Adityanagar 1st stage	1	80.00	0.60		48.00			
						1032.60			
	Deduction 30% Missing and broken slabs(-)					-309.78			
					Total	722.82	208.82	Sqm	150939.00
10	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (Page No.143 & Item No-19.1)								
	Basic Rate	130.00							
	AW 6%	7.80							
	Total	137.80							
	Desilting								
	2nd Main (W0684)	2	228.00	0.60	0.60	164.16			
	Veersagar Main Road	2	243.00	0.60	0.60	174.96			
	Adityanagar 1st stage	1	80.00	0.45	0.45	16.20			
	Debries Removal								
		10	9.00	2.50	0.75	168.75			
		7	12.00	3.50	0.90	264.60			
		12	10.00	3.40	0.85	346.80			
					Total	1135.47	137.80	Cum	156468.00
11	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH - 100/ Chapter 1 (Page No.136 & Item No 17.1)								
	Basic Rate for Haulage of materials as per Item No.17.4				2.00 t.k				
	Area Weightage of earth (1.28 tonne/km) for 8km (2.00X1.28X8.00)				20.48				
	Add loading and unloading Item No 17.1)				57.00				
	Total				77.48				
	Carry Quntity Vide Item No.1					6153.40			
	Carry Quntity Vide Item No.2					760.19			
	Carry Quntity Vide Item No.3					12233.70			
	Carry Quntity Vide Item No.10					1135.47			
					Total	20282.76	77.48	Cum	1571508.00
12	Supply and fixing Precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.								
	Data Rate (Excluding GST)	1922.00							
	For RCC Drain								
	Adithyanagar 1st Main								
	(W0816)	1	130.00	0.90		117.00			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00	0.90		153.00			
	(W1363)	2	73.00	0.90		131.40			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00	0.90		22.50			
	Behind Sambram College Back side								
	(W0566)	2	60.00	0.90		108.00			
	(W0576)	2	60.00	0.90		108.00			
	Cross Road	1	60.00	0.90		54.00			
	Doddabettahalli								
	Cross Road	1	25.00	0.90		22.50			
	(W1239)	1	59.00	0.90		53.10			
	(W1259)	1	70.00	0.75		52.50			
		1	30.00	0.75		22.50			
	(W1259)	1	81.00	0.75		60.75			
		1	40.00	0.75		30.00			
	(W1251)	1	158.00	0.75		118.50			
	(W1235)	1	84.00	0.90		75.60			
	Jyothinagar								
	(W0777)	2	95.00	0.90		171.00			
	(W0773)	2	95.00	0.90		171.00			
	(W0771)	2	110.00	0.90		198.00			
	(W0795)	2	55.00	0.75		82.50			
	Ambabhavani Layout								
	7th Cross	2	30.00	0.90		54.00			
	8th Cross	2	27.00	0.90		48.60			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	9th Cross	2	15.00	0.90		27.00			
	10th Cross	2	13.00	0.90		23.40			
	11th Cross	2	45.00	0.90		81.00			
	12th Cross (W0849)	1	98.00	0.90		88.20			
		1	52.00	0.90		46.80			
	(W0450)	2	30.00	0.90		54.00			
	Doddabettahalli Near RO Unit (W0498)	1	90.00	0.90		81.00			
		1	102.00	0.90		91.80			
	(W0911)	1	250.00	0.90		225.00			
	3rd Main Road AMS Layout (W0870)	2	228.00	0.90		410.40			
	3rd Cross Road AMS Layout (W0858)	2	178.00	0.90		320.40			
	5th Main Road Somanna Layout (W0754)	1	140.00	0.90		126.00			
	Hill Medows Layout (W0732)	2	178.00	0.90		320.40			
	(W1325)	2	36.00	0.90		64.80			
	(W1117)	2	83.00	0.90		149.40			
	(W1327)	2	46.00	0.90		82.80			
	(W0736)	2	140.00	0.90		252.00			
	DUO Marvel Layout								
	(W0078)	1	252.00	0.90		226.80			
	3rd 'A' Cross (W0169)	2	25.00	0.90		45.00			
	4th 'A' Cross	2	25.00	0.90		45.00			
	SMR Street (W0115)	1	322.00	0.90		289.80			
	Lattice NetWork Road	2	25.00	0.90		45.00			
		1	85.00	0.90		76.50			
		1	206.00	0.90		185.40			
						5212.35			
	Deduct 20% New BS Slab for Residential Purpose(-)					-1042.47			
	Carry Qty of Missing and broken slabs in Item No.9					309.78			
					Total	4479.66	1922.00	Sqm	8609907.00
13	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (Page No.27 & Item No- 5.31.2)								
	Basic Rate	912.00							
	AW 6%	54.72							
	Total	966.72							
	For RCC Drain								
	Carry Deduct RCC Drain Qty for Residential Purpose of Item No.12					1042.47			
					Total	1042.47	966.72	Sqm	1007777.00
14	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13(Page No.26 & Item No- 5.17)								
	Basic Rate	897.00							
	AW 6%	53.82							
	Total	950.82							
	Carry Quantity Same As Item No.13					1042.47			
					Total	1042.47	950.82	Sqm	991201.00
15	Supply and fixing Precast reinforced concrete slab 23cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.								
	Data Rate (Excluding GST)	4486.05							
	For RCC Culverts								
	AMS Layout 3rd Main N/s	3	10.00	1.50		45.00			
	AMS Layout 3rd Main S/s	1	10.00	1.50		15.00			
	AMS Layout 4th Cross	1	10.00	1.50		15.00			
	Ambabhavani Layout 12th Cross	1	8.00	1.50		12.00			
	DUO Marvel Layout	9	7.00	1.50		94.50			
	SMR Street	2	8.00	1.50		24.00			
	Hill Medows Layout	4	6.00	1.50		36.00			
	Lattice NetWork Road	2	8.00	1.50		24.00			
	Cross Roads	8	6.00	1.50		72.00			
					Total	337.50	4486.05	Sqm	1514042.00
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2(P No. 13 / Item No.4.6)								
	Basic Rate	5422.00							

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth in Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	AW 6%	325.32							
	Total	5747.32							
				Below Kerb					
	Adithyanagar 1st Main								
	(W0816)	1	130.00	0.20	0.10	2.60			
	Adithyanagar 2nd Main								
	(W0814)								
	0.00	2	85.00	0.20	0.10	3.40			
	(W1363)	2	73.00	0.20	0.10	2.92			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00	0.20	0.10	0.50			
	Behind Sambram College Back side								
	(W0566)	2	60.00	0.20	0.10	2.40			
	(W0576)	2	60.00	0.20	0.10	2.40			
	Cross Road	1	60.00	0.20	0.10	1.20			
	Jyothinagar								
	(W0777)	2	95.00	0.20	0.10	3.80			
	(W0773)	2	95.00	0.20	0.10	3.80			
	(W0771)	2	110.00	0.20	0.10	4.40			
	(W0795)	2	55.00	0.20	0.10	2.20			
	Ambabhavani Layout								
	7th Cross	2	30.00	0.20	0.10	1.20			
	8th Cross	2	27.00	0.20	0.10	1.08			
	9th Cross	2	15.00	0.20	0.10	0.60			
	10th Cross	2	13.00	0.20	0.10	0.52			
	11th Cross	2	45.00	0.20	0.10	1.80			
	12th Cross (W0849)	1	98.00	0.20	0.10	1.96			
		1	52.00	0.20	0.10	1.04			
	(W0450)	2	30.00	0.20	0.10	1.20			
	Doddabettahalli Near RO Unit (W0498)	1	90.00	0.20	0.10	1.80			
		1	102.00	0.20	0.10	2.04			
	3rd Main Road AMS Layout (W0870)	2	228.00	0.20	0.10	9.12			
	3rd Cross Road AMS Layout (W0858)	2	178.00	0.20	0.10	7.12			
	5th Main Road Somanna Layout (W0754)	1	140.00	0.20	0.10	2.80			
	Hill Medows Layout (W0732)	2	178.00	0.20	0.10	7.12			
	(W1325)	2	36.00	0.20	0.10	1.44			
	(W1117)	2	83.00	0.20	0.10	3.32			
	(W1327)	2	46.00	0.20	0.10	1.84			
	(W0736)	2	140.00	0.20	0.10	5.60			
	DUO Marvel Layout								
	(W0078)	1	252.00	0.20	0.10	5.04			
	3rd 'A' Cross (W0169)	2	25.00	0.20	0.10	1.00			
	4th 'A' Cross	2	25.00	0.20	0.10	1.00			
	SMR Street (W0115)	1	322.00	0.20	0.10	6.44			
	Lattice NetWork Road	2	25.00	0.20	0.10	1.00			
		1	85.00	0.20	0.10	1.70			
		1	206.00	0.20	0.10	4.12			
					Total	101.52	5747.32	Cum	583468.00
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (Page No.27 & Item No. 5.30)								
	Basic Rate	408.00							
	AW 6%	24.48							
	Total	432.48							
	Adithyanagar 1st Main								
	(W0816)	1	130.00			130.00			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00			170.00			
	(W1363)	2	73.00			146.00			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00			25.00			
	Behind Sambram College Back side								
	(W0566)	2	60.00			120.00			
	(W0576)	2	60.00			120.00			
	Cross Road	1	60.00			60.00			

SN	Description of works	No's	Length In Mtr	Bridth In Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Jyothinagar								
	(W0777)	2	95.00			190.00			
	(W0773)	2	95.00			190.00			
	(W0771)	2	110.00			220.00			
	(W0795)	2	55.00			110.00			
	Ambabhavani Layout								
	7th Cross	2	30.00			60.00			
	8th Cross	2	27.00			54.00			
	9th Cross	2	15.00			30.00			
	10th Cross	2	13.00			26.00			
	11th Cross	2	45.00			90.00			
	12th Cross (W0849)	1	98.00			98.00			
		1	52.00			52.00			
	(W0450)	2	30.00			60.00			
	Doddabettahalli Near RO Unit (W0498)	1	90.00			90.00			
		1	102.00			102.00			
	3rd Main Road AMS Layout (W0870)	2	228.00			456.00			
	3rd Cross Road AMS Layout (W0858)	2	178.00			356.00			
	5th Main Road Somanna Layout (W0754)	1	140.00			140.00			
	Hill Medows Layout (W0732)	2	178.00			356.00			
	(W1325)	2	36.00			72.00			
	(W1117)	2	83.00			166.00			
	(W1327)	2	46.00			92.00			
	(W0736)	2	140.00			280.00			
	DUO Marvel Layout								
	(W0078)	1	252.00			252.00			
	3rd 'A' Cross (W0169)	2	25.00			50.00			
	4th 'A' Cross	2	25.00			50.00			
	SMR Street (W0115)	1	322.00			322.00			
	Lattice NetWork Road	2	25.00			50.00			
		1	85.00			85.00			
		1	206.00			206.00			
						5076.00			
				5076.00	/0.45	11280.00			
					Total	11280	432.48	Nos	4878374.00
18	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)								
	Basic Rate	6.00							
	AW 6%	0.36							
	Total	6.36							
	For Cement Concrete Road								
	Adithyanagar 2nd Main (W0814)	1	150.00	4.50		675.00			
		1	85.00	5.00		425.00			
	(W1363)	1	73.00	5.00		365.00			
	Adithyanagar 1st Stage								
	(W1141)	1	86.00	4.00		344.00			
	(W0644)	1	58.00	4.00		232.00			
	16th main (W1147)	1	94.00	4.00		376.00			
	Cross Road (W1365)	1	97.00	3.00		291.00			
	(W1171)	1	58.00	3.00		174.00			
	(W1231)	1	36.00	3.00		108.00			
	(W1221)	1	44.00	3.00		132.00			
		1	20.00	3.00		60.00			
	(W1145)	1	40.00	3.00		120.00			
	(W1149)	1	40.00	3.00		120.00			
	(W1153)	1	20.00	3.00		60.00			
	Doddabettahalli								
	(W1251)	1	158.00	3.00		474.00			
	(W1259)	1	81.00	5.00		405.00			
		1	70.00	4.00		280.00			
	(W0660)	1	40.00	3.00		120.00			
	(W1239)	1	10.00	2.50		25.00			
		1	26.00	4.00		104.00			
		1	33.00	1.30		42.90			
		1	20.00	2.50		50.00			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	(W1235)	1	109.00	4.00		436.00			
	Doddabettahalli Near RO Unit								
	(W0498)	1	28.00	6.00		168.00			
	(W0498)	1	90.00	6.00		540.00			
	(W0913)	1	27.00	2.20		59.40			
		1	85.00	3.00		255.00			
	(W0911)	1	80.00	4.00		320.00			
	(W0919)	1	48.00	4.20		201.60			
	(W0907)	1	27.00	6.00		162.00			
	Ambabhavani Layout (W0551)	1	25.00	1.50		37.50			
	(W0450)	1	30.00	5.60		168.00			
	5th Main Somanna Layout (W0754)	1	140.00	4.00		560.00			
	SMR Street (W0115)	1	170.00	4.00		680.00			
	(W0117)	1	60.00	4.50		270.00			
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00		2832.00			
	2nd Main (W0684)	1	228.00	6.00		1368.00			
	Jyothinagar								
	(W0777)	1	95.00	7.00		665.00			
	(W0773)	1	95.00	6.50		617.50			
	(W0771)	1	110.00	6.50		715.00			
	(W0795)	1	55.00	5.00		275.00			
	Behind Sambram College								
	(W0566)	1	60.00	6.00		360.00			
	(W0576)	1	60.00	6.00		360.00			
	Cross Road	1	60.00	6.00		360.00			
	Hill Medows Layout (W0736)	1	140.00	9.00		1260.00			
	(W0732)	1	178.00	6.00		1068.00			
	(W1325)	1	36.00	4.00		144.00			
	(W1117)	1	83.00	6.00		498.00			
	(W1327)	1	46.00	5.00		230.00			
	Ambabhavani Layout 7th Cross	1	190.00	5.00		950.00			
	7th Cross	1	30.00	5.00		150.00			
	8th Cross	1	27.00	5.00		135.00			
	9th Cross	1	15.00	5.00		75.00			
	10th Cross	1	13.00	5.00		65.00			
	11th Cross	1	45.00	6.00		270.00			
	12th Cross (W0849)	1	98.00	6.00		588.00			
	Patel Thayappa Layout	1	80.00	6.00		480.00			
	SMR Street (W0115)	1	30.00	6.00		180.00			
	Sridhama Road (W0007)	1	270.00	6.00		1620.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00		1440.00			
		3	55.00	6.00		990.00			
	Veersagar Main Road (W0563)	1	243.00	8.00		1944.00			
	Veersagar Cross Roads (W0482)	1	155.00	5.00		775.00			
	(W0927)	1	20.00	4.00		80.00			
	(W0925)	1	22.00	4.00		88.00			
	(W0923)	1	20.00	4.00		80.00			
	(W0478)	1	30.00	4.00		120.00			
	(W0478)	1	97.00	4.00		388.00			
	Lattice NetWork Road	1	150.00	12.00		1800.00			
	Kings Meadows Road	1	337.00	5.50		1853.50			
	Cross Road	1	47.00	5.00		235.00			
					Total	33899.40	6.36	Sqm	215600.00
19	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5. with OPC at 150 kg/cum and Coarse agrregate 0.86cum, Fine aggregate 0.58cum using Concrete batch Mix Plant at 75 Cum/hr capacity with fixed form Paver(I No-22.1.2,P No-174)								
	Basic Rate	3665.00							
	AW 6%	219.90							
	Total	3884.90							
	For Cement Concrete Road								
	Adithyanagar 2nd Main (W0814)	1	150.00	4.50	0.15	101.25			
		1	85.00	5.00	0.15	63.75			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	(W1363)	1	73.00	5.00	0.15	54.75			
	Adithyanagar 1st Stage								
	(W1141)	1	86.00	4.00	0.15	51.60			
	(W0644)	1	58.00	4.00	0.15	34.80			
	16th main (W1147)	1	94.00	4.00	0.15	56.40			
	Cross Road (W1365)	1	97.00	3.00	0.15	43.65			
	(W1171)	1	58.00	3.00	0.15	26.10			
	(W1231)	1	36.00	3.00	0.15	16.20			
	(W1221)	1	44.00	3.00	0.15	19.80			
		1	20.00	3.00	0.15	9.00			
	(W1145)	1	40.00	3.00	0.15	18.00			
	(W1149)	1	40.00	3.00	0.15	18.00			
	(W1153)	1	20.00	3.00	0.15	9.00			
	Doddabettahalli								
	(W1251)	1	158.00	3.00	0.15	71.10			
	(W1259)	1	81.00	5.00	0.15	60.75			
		1	70.00	4.00	0.15	42.00			
	(W0660)	1	40.00	3.00	0.15	18.00			
	(W1239)	1	10.00	2.50	0.15	3.75			
		1	26.00	4.00	0.15	15.60			
		1	33.00	1.30	0.15	6.44			
		1	20.00	2.50	0.15	7.50			
	(W1235)	1	109.00	4.00	0.15	65.40			
	Doddabettahalli Near RO Unit								
	(W0498)	1	28.00	6.00	0.15	25.20			
	(W0498)	1	90.00	6.00	0.15	81.00			
	(W0913)	1	27.00	2.20	0.15	8.91			
		1	85.00	3.00	0.15	38.25			
	(W0911)	1	80.00	4.00	0.15	48.00			
	(W0919)	1	48.00	4.20	0.15	30.24			
	(W0907)	1	27.00	6.00	0.15	24.30			
	Ambabhavani Layout (W0551)	1	25.00	1.50	0.15	5.63			
	(W0450)	1	30.00	5.60	0.15	25.20			
	5th Main Somanna Layout (W0754)	1	140.00	4.00	0.15	84.00			
	SMR Street (W0115)	1	170.00	4.00	0.15	102.00			
	(W0117)	1	60.00	4.50	0.15	40.50			
					Total	1326.06	3884.90	Cum	5151610.00
20	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. (Page No.175&176 & Item No-22.6.1)								
	Basic Rate	4916.00							
	AW 6%	294.96							
	Total	5210.96							
	For Cement Concrete Road								
	Adithyanagar 2nd Main (W0814)	1	150.00	4.50	0.15	101.25			
		1	85.00	5.00	0.15	63.75			
	(W1363)	1	73.00	5.00	0.15	54.75			
	Adithyanagar 1st Stage								
	(W1141)	1	86.00	4.00	0.15	51.60			
	(W0644)	1	58.00	4.00	0.15	34.80			
	16th main (W1147)	1	94.00	4.00	0.15	56.40			
	Cross Road (W1365)	1	97.00	3.00	0.15	43.65			
	(W1171)	1	58.00	3.00	0.15	26.10			
	(W1231)	1	36.00	3.00	0.15	16.20			
	(W1221)	1	44.00	3.00	0.15	19.80			
		1	20.00	3.00	0.15	9.00			
	(W1145)	1	40.00	3.00	0.15	18.00			
	(W1149)	1	40.00	3.00	0.15	18.00			
	(W1153)	1	20.00	3.00	0.15	9.00			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Doddabettahalli								
	(W1251)	1	158.00	3.00	0.15	71.10			
	(W1259)	1	81.00	5.00	0.15	60.75			
		1	70.00	4.00	0.15	42.00			
	(W0660)	1	40.00	3.00	0.15	18.00			
	(W1239)	1	10.00	2.50	0.15	3.75			
		1	26.00	4.00	0.15	15.60			
		1	33.00	1.30	0.15	6.44			
		1	20.00	2.50	0.15	7.50			
	(W1235)	1	109.00	4.00	0.15	65.40			
	Doddabettahalli Near RO Unit								
	(W0498)	1	28.00	6.00	0.15	25.20			
	(W0498)	1	90.00	6.00	0.15	81.00			
	(W0913)	1	27.00	2.20	0.15	8.91			
		1	85.00	3.00	0.15	38.25			
	(W0911)	1	80.00	4.00	0.15	48.00			
	(W0919)	1	48.00	4.20	0.15	30.24			
	(W0907)	1	27.00	6.00	0.15	24.30			
	Ambabhavani Layout (W0551)	1	25.00	1.50	0.15	5.63			
	(W0450)	1	30.00	5.60	0.15	25.20			
	5th Main Somanna Layout (W0754)	1	140.00	4.00	0.15	84.00			
	SMR Street (W0115)	1	170.00	4.00	0.15	102.00			
	(W0117)	1	60.00	4.50	0.15	40.50			
					Total	1326.06	5210.96	Cum	6910046.00
1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.(P.No.153 It.No.20.5)								
	Basic Rate	1882.00							
	AW 6%	112.92							
	Total	1994.92							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00	0.15	424.80			
	2nd Main (W0684)	1	228.00	6.00	0.15	205.20			
	Jyothinagar								
	(W0777)	1	95.00	7.00	0.15	99.75			
	(W0773)	1	95.00	6.50	0.15	92.63			
	(W0771)	1	110.00	6.50	0.15	107.25			
	(W0795)	1	55.00	5.00	0.15	41.25			
	Behind Sambram College								
	(W0566)	1	60.00	6.00	0.30	108.00			
	(W0576)	1	60.00	6.00	0.15	54.00			
	Cross Road	1	60.00	6.00	0.30	108.00			
	Hill Medows Layout (W0736)	1	140.00	9.00	0.15	189.00			
	(W0732)	1	178.00	6.00	0.15	160.20			
	(W1325)	1	36.00	4.00	0.15	21.60			
	(W1117)	1	83.00	6.00	0.15	74.70			
	(W1327)	1	46.00	5.00	0.15	34.50			
	Ambabhavani Layout 7th Cross	1	190.00	5.00	0.15	142.50			
	7th Cross	1	30.00	5.00	0.15	22.50			
	8th Cross	1	27.00	5.00	0.15	20.25			
	9th Cross	1	15.00	5.00	0.15	11.25			
	10th Cross	1	13.00	5.00	0.15	9.75			
	11th Cross	1	45.00	6.00	0.15	40.50			
	12th Cross (W0849)	1	98.00	6.00	0.15	88.20			
	Patel Thayappa Layout	1	80.00	6.00	0.15	72.00			
	SMR Street (W0115)	1	30.00	6.00	0.15	27.00			
	Sridhama Road (W0007)	1	270.00	6.00	0.15	243.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00	0.15	216.00			
		3	55.00	6.00	0.15	148.50			
	Veersagar Main Road (W0563)	1	243.00	8.00	0.15	291.60			
	Veersagar Cross Roads (W0482)	1	155.00	5.00	0.15	116.25			
	(W0927)	1	20.00	4.00	0.15	12.00			
	(W0925)	1	22.00	4.00	0.15	13.20			
	(W0923)	1	20.00	4.00	0.15	12.00			
	(W0478)	1	30.00	4.00	0.15	18.00			
	(W0478)	1	97.00	4.00	0.15	58.20			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	Lattice NetWork Road	1	150.00	12.00	0.15	270.00			
	Kings Meadows Road	1	337.00	5.50	0.15	278.03			
	Cross Road	1	47.00	5.00	0.15	35.25			
					Total	3866.85	1994.92	Cum	7714056.00
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18)								
	Basic Rate	1888.00							
	AW 6%	113.28							
	Total	2001.28							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00	0.20	566.40			
	2nd Main (W0684)	1	228.00	6.00	0.20	273.60			
	Jyothinagar								
	(W0777)	1	95.00	7.00	0.20	133.00			
	(W0773)	1	95.00	6.50	0.20	123.50			
	(W0771)	1	110.00	6.50	0.20	143.00			
	(W0795)	1	55.00	5.00	0.20	55.00			
	Behind Sambram College								
	(W0566)	1	60.00	6.00	0.20	72.00			
	(W0576)	1	60.00	6.00	0.20	72.00			
	Cross Road	1	60.00	6.00	0.20	72.00			
	Hill Medows Layout (W0736)	1	140.00	9.00	0.20	252.00			
	(W0732)	1	178.00	6.00	0.20	213.60			
	(W1325)	1	36.00	4.00	0.20	28.80			
	(W1117)	1	83.00	6.00	0.20	99.60			
	(W1327)	1	46.00	5.00	0.20	46.00			
	Ambabhavani Layout 7th Cross	1	190.00	5.00	0.20	190.00			
	7th Cross	1	30.00	5.00	0.20	30.00			
	8th Cross	1	27.00	5.00	0.20	27.00			
	9th Cross	1	15.00	5.00	0.20	15.00			
	10th Cross	1	13.00	5.00	0.20	13.00			
	11th Cross	1	45.00	6.00	0.20	54.00			
	12th Cross (W0849)	1	98.00	6.00	0.20	117.60			
	Patel Thayappa Layout	1	80.00	6.00	0.20	96.00			
	SMR Street (W0115)	1	30.00	6.00	0.20	36.00			
	Sridhama Road (W0007)	1	270.00	6.00	0.20	324.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00	0.20	288.00			
		3	55.00	6.00	0.20	198.00			
	Veersagar Main Road (W0563)	1	243.00	8.00	0.20	388.80			
	Veersagar Cross Roads (W0482)	1	155.00	5.00	0.20	155.00			
	(W0927)	1	20.00	4.00	0.20	16.00			
	(W0925)	1	22.00	4.00	0.20	17.60			
	(W0923)	1	20.00	4.00	0.20	16.00			
	(W0478)	1	30.00	4.00	0.20	24.00			
	(W0478)	1	97.00	4.00	0.20	77.60			
	Lattice NetWork Road	1	150.00	12.00	0.20	360.00			
	Kings Meadows Road	1	337.00	5.50	0.20	370.70			
	Cross Road	1	47.00	5.00	0.20	47.00			
					Total	5011.80	2001.28	Cum	10030015.00
23	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), Issue rate on 01/01/2021								
	Basic Rate	32.00							
	AW 6%	1.92							
	Total	33.92							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00		2832.00			
	2nd Main (W0684)	1	228.00	6.00		1368.00			
	Jyothinagar								
	(W0777)	1	95.00	7.00		665.00			
	(W0773)	1	95.00	6.50		617.50			
	(W0771)	1	110.00	6.50		715.00			
	(W0795)	1	55.00	5.00		275.00			
	Behind Sambram College								

SN	Description of works	No's	Length In Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	(W0566)	1	60.00	6.00		360.00			
	(W0576)	1	60.00	6.00		360.00			
	Cross Road	1	60.00	6.00		360.00			
	Hill Medows Layout (W0736)	1	140.00	9.00		1260.00			
	(W0732)	1	178.00	6.00		1068.00			
	(W1325)	1	36.00	4.00		144.00			
	(W1117)	1	83.00	6.00		498.00			
	(W1327)	1	46.00	5.00		230.00			
	Ambabhavani Layout 7th Cross	1	190.00	5.00		950.00			
	7th Cross	1	30.00	5.00		150.00			
	8th Cross	1	27.00	5.00		135.00			
	9th Cross	1	15.00	5.00		75.00			
	10th Cross	1	13.00	5.00		65.00			
	11th Cross	1	45.00	6.00		270.00			
	12th Cross (W0849)	1	98.00	6.00		588.00			
	Patel Thayappa Layout	1	80.00	6.00		480.00			
	SMR Street (W0115)	1	30.00	6.00		180.00			
	Sridhama Road (W0007)	1	270.00	6.00		1620.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00		1440.00			
		3	55.00	6.00		990.00			
	Veersagar Main Road (W0563)	1	243.00	8.00		1944.00			
	Veersagar Cross Roads (W0482)	1	155.00	5.00		775.00			
	(W0927)	1	20.00	4.00		80.00			
	(W0925)	1	22.00	4.00		88.00			
	(W0923)	1	20.00	4.00		80.00			
	(W0478)	1	30.00	4.00		120.00			
	(W0478)	1	97.00	4.00		388.00			
	Lattice NetWork Road	1	150.00	12.00		1800.00			
	Kings Meadows Road	1	337.00	5.50		1853.50			
	Cross Road	1	47.00	5.00		235.00			
					Total	25059.00	33.92	Sqm	850001.00
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen(P.No.171 I.No.21.17.6) Issue rate on 01/01/2021								
	Basic Rate	6880.00							
	AW 6%	412.80							
	Total	7292.80							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00	0.05	141.60			
	2nd Main (W0684)	1	228.00	6.00	0.05	68.40			
	Jyothinagar								
	(W0777)	1	95.00	7.00	0.05	33.25			
	(W0773)	1	95.00	6.50	0.05	30.88			
	(W0771)	1	110.00	6.50	0.05	35.75			
	(W0795)	1	55.00	5.00	0.05	13.75			
	Behind Sambram College								
	(W0566)	1	60.00	6.00	0.05	18.00			
	(W0576)	1	60.00	6.00	0.05	18.00			
	Cross Road	1	60.00	6.00	0.05	18.00			
	Hill Medows Layout (W0736)	1	140.00	9.00	0.05	63.00			
	(W0732)	1	178.00	6.00	0.05	53.40			
	(W1325)	1	36.00	4.00	0.05	7.20			
	(W1117)	1	83.00	6.00	0.05	24.90			
	(W1327)	1	46.00	5.00	0.05	11.50			
	Ambabhavani Layout 7th Cross	1	190.00	5.00	0.05	47.50			
	7th Cross	1	30.00	5.00	0.05	7.50			
	8th Cross	1	27.00	5.00	0.05	6.75			
	9th Cross	1	15.00	5.00	0.05	3.75			
	10th Cross	1	13.00	5.00	0.05	3.25			
	11th Cross	1	45.00	6.00	0.05	13.50			
	12th Cross (W0849)	1	98.00	6.00	0.05	29.40			
	Patel Thayappa Layout	1	80.00	6.00	0.05	24.00			
	SMR Street (W0115)	1	30.00	6.00	0.05	9.00			
	Sridhama Road (W0007)	1	270.00	6.00	0.05	81.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00	0.05	72.00			

SN	Description of works	No's	Length In Mtr	Bridth In Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
		3	55.00	6.00	0.05	49.50			
	Veersagar Main Road (W0563)	1	243.00	8.00	0.05	97.20			
	Veersagar Cross Roads (W0482)	1	155.00	5.00	0.05	38.75			
	(W0927)	1	20.00	4.00	0.05	4.00			
	(W0925)	1	22.00	4.00	0.05	4.40			
	(W0923)	1	20.00	4.00	0.05	4.00			
	(W0478)	1	30.00	4.00	0.05	6.00			
	(W0478)	1	97.00	4.00	0.05	19.40			
	Lattice NetWork Road	1	150.00	12.00	0.05	90.00			
	Kings Meadows Road	1	337.00	5.50	0.05	92.68			
	Cross Road	1	47.00	5.00	0.05	11.75			
					Total	1252.95	7292.80	Cum	9137514.00
25	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.7)Issue rate on 01/01/2021								
	Basic Rate	12.00							
	AW 6%	0.72							
	Total	12.72							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	1	354.00	8.00		2832.00			
	2nd Main (W0684)	1	228.00	6.00		1368.00			
	Jyothinagar								
	(W0777)	1	95.00	7.00		665.00			
	(W0773)	1	95.00	6.50		617.50			
	(W0771)	1	110.00	6.50		715.00			
	(W0795)	1	55.00	5.00		275.00			
	Behind Sambram College								
	(W0566)	1	60.00	6.00		360.00			
	(W0576)	1	60.00	6.00		360.00			
	Cross Road	1	60.00	6.00		360.00			
	Hill Medows Layout (W0736)	1	140.00	9.00		1260.00			
	(W0732)	1	178.00	6.00		1068.00			
	(W1325)	1	36.00	4.00		144.00			
	(W1117)	1	83.00	6.00		498.00			
	(W1327)	1	46.00	5.00		230.00			
	Ambabhavani Layout 7th Cross	1	190.00	5.00		950.00			
	7th Cross	1	30.00	5.00		150.00			
	8th Cross	1	27.00	5.00		135.00			
	9th Cross	1	15.00	5.00		75.00			
	10th Cross	1	13.00	5.00		65.00			
	11th Cross	1	45.00	6.00		270.00			
	12th Cross (W0849)	1	98.00	6.00		588.00			
	Patel Thayappa Layout	1	80.00	6.00		480.00			
	SMR Street (W0115)	1	30.00	6.00		180.00			
	Sridhama Road (W0007)	1	270.00	6.00		1620.00			
	(W0012),(W0014),(W0016)	4	60.00	6.00		1440.00			
		3	55.00	6.00		990.00			
	Veersagar Main Road (W0563)	1	243.00	8.00		1944.00			
	Veersagar Cross Roads (W0482)	1	155.00	5.00		775.00			
	(W0927)	1	20.00	4.00		80.00			
	(W0925)	1	22.00	4.00		88.00			
	(W0923)	1	20.00	4.00		80.00			
	(W0478)	1	30.00	4.00		120.00			
	(W0478)	1	97.00	4.00		388.00			
	Lattice NetWork Road	1	150.00	12.00		1800.00			
	Kings Meadows Road	1	337.00	5.50		1853.50			
	Cross Road	1	47.00	5.00		235.00			
					Total	25059.00	12.72	Sqm	318750.00
26	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen (P.No.162, I.No.21.22.6) Issue rate on 01/01/2021								
	Basic Rate	7972.00							
	AW 6%	478.32							
	Total	8450.32							
	For Asphalt Road								

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	AMS Layout 4th Cross (W0035)	1	354.00	8.00	0.04	113.28			
	2nd Main (W0684)	1	228.00	6.00	0.04	54.72			
	Jyothinagar								
	(W0777)	1	95.00	7.00	0.04	26.60			
	(W0773)	1	95.00	6.50	0.04	24.70			
	(W0771)	1	110.00	6.50	0.04	28.60			
	(W0795)	1	55.00	5.00	0.04	11.00			
	Behind Sambram College								
	(W0566)	1	60.00	6.00	0.04	14.40			
	(W0576)	1	60.00	6.00	0.04	14.40			
	Cross Road	1	60.00	6.00	0.04	14.40			
	Hill Medows Layout (W0736)	1	140.00	9.00	0.04	50.40			
	(W0732)	1	178.00	6.00	0.04	42.72			
	(W1325)	1	36.00	4.00	0.04	5.76			
	(W1117)	1	83.00	6.00	0.04	19.92			
	(W1327)	1	46.00	5.00	0.04	9.20			
	Ambabhavani Layout 7th Cross	1	190.00	5.00	0.04	38.00			
	7th Cross	1	30.00	5.00	0.04	6.00			
	8th Cross	1	27.00	5.00	0.04	5.40			
	9th Cross	1	15.00	5.00	0.04	3.00			
	10th Cross	1	13.00	5.00	0.04	2.60			
	11th Cross	1	45.00	6.00	0.04	10.80			
	12th Cross (W0849)	1	98.00	6.00	0.04	23.52			
	Patel Thayappa Layout	1	80.00	6.00	0.04	19.20			
	SMR Street (W0115)	1	30.00	6.00	0.04	7.20			
	Sridhama Road (W0007)	1	270.00	6.00	0.04	64.80			
	(W0012),(W0014),(W0016)	4	60.00	6.00	0.04	57.60			
		3	55.00	6.00	0.04	39.60			
	Veersagar Main Road (W0563)	1	243.00	8.00	0.04	77.76			
	Veersagar Cross Roads (W0482)	1	155.00	5.00	0.04	31.00			
	(W0927)	1	20.00	4.00	0.04	3.20			
	(W0925)	1	22.00	4.00	0.04	3.52			
	(W0923)	1	20.00	4.00	0.04	3.20			
	(W0478)	1	30.00	4.00	0.04	4.80			
	(W0478)	1	97.00	4.00	0.04	15.52			
	Lattice NetWork Road	1	150.00	12.00	0.04	72.00			
	Kings Meadows Road	1	337.00	5.50	0.04	74.14			
	Cross Road	1	47.00	5.00	0.04	9.40			
					Total	1002.36	8450.32	Cum	8470263.00
27	KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page No.124 & Item No.15.80)								
	Basic Rate	37.00							
	AW 6%	2.22							
	Total	39.22							
	Adithyanagar 1st Main								
	(W0816)	1	130.00		0.40	52.00			
	Adithyanagar 2nd Main								
	(W0814)								
		2	85.00		0.40	68.00			
	(W1363)	2	73.00		0.40	58.40			
	Adithyanagar 1st Stage								
	(W0644)	1	25.00		0.40	10.00			
	Behind Sambram College Back side								
	(W0566)	2	60.00		0.40	48.00			
	(W0576)	2	60.00		0.40	48.00			
	Cross Road	1	60.00		0.40	24.00			
	Jyothinagar								
	(W0777)	2	95.00		0.40	76.00			
	(W0773)	2	95.00		0.40	76.00			
	(W0771)	2	110.00		0.40	88.00			
	(W0795)	2	55.00		0.40	44.00			
	Ambabhavani Layout								
	7th Cross	2	30.00		0.40	24.00			
	8th Cross	2	27.00		0.40	21.60			
	9th Cross	2	15.00		0.40	12.00			
	10th Cross	2	13.00		0.40	10.40			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	11th Cross	2	45.00		0.40	36.00			
	12th Cross (W0849)	1	98.00		0.40	39.20			
		1	52.00		0.40	20.80			
	(W0450)	2	30.00		0.40	24.00			
	Doddabettahalli Near RO Unit (W0498)	1	90.00		0.40	36.00			
		1	102.00		0.40	40.80			
	3rd Main Road AMS Layout (W0870)	2	228.00		0.40	182.40			
	3rd Cross Road AMS Layout (W0858)	2	178.00		0.40	142.40			
	5th Main Road Somanna Layout (W0754)	1	140.00		0.40	56.00			
	Hill Medows Layout (W0732)	2	178.00		0.40	142.40			
	(W1325)	2	36.00		0.40	28.80			
	(W1117)	2	83.00		0.40	66.40			
	(W1327)	2	46.00		0.40	36.80			
	(W0736)	2	140.00		0.40	112.00			
	DUO Marvel Layout								
	(W0078)	1	252.00		0.40	100.80			
	3rd 'A' Cross (W0169)	2	25.00		0.40	20.00			
	4th 'A' Cross	2	25.00		0.40	20.00			
	SMR Street (W0115)	1	322.00		0.40	128.80			
	Lattice NetWork Road	2	25.00		0.40	20.00			
		1	85.00		0.40	34.00			
		1	206.00		0.40	82.40			
					Total	2030.40	39.22	Sqm	79632.00
28	KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.180 & Item No.24.1)								
	Basic Rate	80.00							
	AW 6%	4.80							
	Total	84.80							
	AW 6%								
	Total	1	130.00		0.40	52.00			
	For Cement Concrete Road								
	Adithyanagar 2nd Main (W0814)								
		2	85.00		0.40	68.00			
	(W1363)	2	73.00		0.40	58.40			
	Adithyanagar 1st Stage								
	(W1141)	1	25.00		0.40	10.00			
	(W0644)								
	16th main (W1147)	2	60.00		0.40	48.00			
	Cross Road (W1365)	2	60.00		0.40	48.00			
	(W1171)	1	60.00		0.40	24.00			
	(W1231)								
	(W1221)	2	95.00		0.40	76.00			
	0.00	2	95.00		0.40	76.00			
	(W1145)	2	110.00		0.40	88.00			
	(W1149)	2	55.00		0.40	44.00			
	(W1153)								
	Doddabettahalli	2	30.00		0.40	24.00			
	(W1251)	2	27.00		0.40	21.60			
	(W1259)	2	15.00		0.40	12.00			
	0.00	2	13.00		0.40	10.40			
	(W0660)	2	45.00		0.40	36.00			
	(W1239)	1	98.00		0.40	39.20			
		1	52.00		0.40	20.80			
	0.00	2	30.00		0.40	24.00			
	0.00	1	90.00		0.40	36.00			
		1	102.00		0.40	40.80			
	Doddabettahalli Near RO Unit	2	228.00		0.40	182.40			
	(W0498)	2	178.00		0.40	142.40			
	(W0498)	1	140.00		0.40	56.00			
	(W0913)	2	178.00		0.40	142.40			
	0.00	2	36.00		0.40	28.80			
	(W0911)	2	83.00		0.40	66.40			
	(W0919)	2	46.00		0.40	36.80			
	(W0907)	2	140.00		0.40	112.00			
	Ambabhavani Layout (W0551)								
	(W0450)	1	252.00		0.40	100.80			

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
	5th Main Somanna Layout (W0754)	2	25.00		0.40	20.00			
	SMR Street (W0115)	2	25.00		0.40	20.00			
	(W0117)	1	322.00		0.40	128.80			
	For Asphalt Road	2	25.00		0.40	20.00			
		1	85.00		0.40	34.00			
		1	206.00		0.40	82.40			
					Total	2030.40	84.80	Sqm	172178.00
29	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.185 I.No.24.15)								
	Basic Rate	429.00							
	AW 6%	25.74							
	Total	454.74							
	For Asphalt Road								
	AMS Layout 4th Cross (W0035)	2.50	354.00	0.10		88.50			
	2nd Main (W0684)	2.50	228.00	0.10		57.00			
	Jyothinagar								
	(W0777)	2.50	95.00	0.10		23.75			
	(W0773)	2.50	95.00	0.10		23.75			
	(W0771)	2.50	110.00	0.10		27.50			
	(W0795)	2.50	55.00	0.10		13.75			
	Behind Sambram College								
	(W0566)	2.50	60.00	0.10		15.00			
	(W0576)	2.50	60.00	0.10		15.00			
	Cross Road	2.50	60.00	0.10		15.00			
	Hill Medows Layout (W0736)	2.50	140.00	0.10		35.00			
	(W0732)	2.50	178.00	0.10		44.50			
	(W1325)	2.50	36.00	0.10		9.00			
	(W1117)	2.50	83.00	0.10		20.75			
	(W1327)	2.50	46.00	0.10		11.50			
	Ambabhavani Layout 7th Cross	2.50	190.00	0.10		47.50			
	7th Cross	2.50	30.00	0.10		7.50			
	8th Cross	2.50	27.00	0.10		6.75			
	9th Cross	2.50	15.00	0.10		3.75			
	10th Cross	2.50	13.00	0.10		3.25			
	11th Cross	2.50	45.00	0.10		11.25			
	12th Cross (W0849)	2.50	98.00	0.10		24.50			
	Patel Thayappa Layout	2.50	80.00	0.10		20.00			
	SMR Street (W0115)	2.50	30.00	0.10		7.50			
	Sridhama Road (W0007)	2.50	270.00	0.10		67.50			
	(W0012),(W0014),(W0016)	10.00	60.00	0.10		60.00			
		7.50	55.00	0.10		41.25			
	Veersagar Main Road (W0563)	2.50	243.00	0.10		60.75			
	Veersagar Cross Roads (W0482)	2.50	155.00	0.10		38.75			
	(W0927)	2.50	20.00	0.10		5.00			
	(W0925)	2.50	22.00	0.10		5.50			
	(W0923)	2.50	20.00	0.10		5.00			
	(W0478)	2.50	30.00	0.10		7.50			
	(W0478)	2.50	97.00	0.10		24.25			
	Lattice NetWork Road	2.50	150.00	0.10		37.50			
	Kings Meadows Road	2.50	337.00	0.10		84.25			
			--		Total	969.25	454.74	Sqm	440757.00
30	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.(P.No-187,I No-24.41)								
	Basic Rate	337.00							
	AW 6%	20.22							
	Total	357.22							
	For Asphalt Road								
		2	448.00			896.00			
					Total	896.00	357.22	Sqm	320069.00

SN	Description of works	No's	Length in Mtr	Bridth in Mtr	Depth In Mtr	Quantity	Rate In Rupees	Unit	Amount In Rupees
								SUB TOTAL	100622099.00
								Add GST Charges 12%	12074652.00
								Add DPR Charges 1%	1150000.00
								Add PMC Charges 1%	1150000.00
								Miscellaneous	3249.00
								GRAND TOTAL	115000000.00
(Eleven Crore fity Lakhs Only)									

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19 and Approved Data Rate of Bangalore Circle.
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.
5) This work is not repeated in any other Programs or Grants

CIVIL PRIME CONSULTANTS AND ENGINEERS Bangalore

Consultant
For Civil Prime Consultants and Engineers

Assistant Engineer
Ward No:03
Attur

Executive Engineer
Yelahanka - Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub Division
B.B.M.P

Administrative Sanction for Rs. Rs.1150.00 Lakhs
Rupees One Crore Fifty lakhs
Only
is accorded under head P-3867
Restoration of 110 villages Roads
during by BWSSB
Registered as CE No. 19 Subject
to conditions contained in enclosed memo
No. BBMP/EE/YNK/01CS/19/2021-22 Dt. 1/02/2022

Executive Engineer

Technical Sanction
Accorded For RS.1150 Lakhs only
Head of A/C P-3867
CER NO : 34 Dt. 26.08.2021